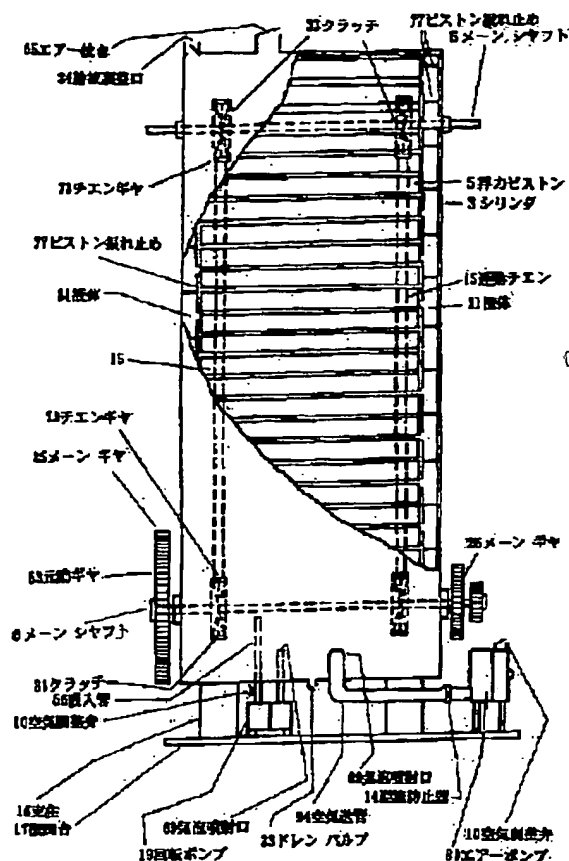


Patent Abstracts of Japan

TITLE : HYDRAULIC REVOLVING ENGINE 9



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SOLUTION: When an air pump 89 filling liquid 31 within a cylinder 3 from a supply liquid adjusting port 34 is started and air bubble is injected from an air bubble injection port 69 because the lower part of a buoyancy piston 5 is opened, liquid 31 and air bubble are replaced, and the buoyancy piston 5 generates buoyancy and becomes a rising stroke. The buoyancy piston 5 becomes continuous revolution by cooperation of a coupling chain 15, a chain gear 73, a piston stopper 77 and a pressing van adjuster. A clutch 33 becomes a forwarding input and a main gear 25 by which a main shaft 6 revolves becomes a driving gear 53 and becomes an economical operation. The pressing van adjuster 88 adjusts a gap of the buoyancy piston 5 and a pressing van to the extremely small gap which is reduced to a degree which does not hinder the lowering stroke of the buoyancy piston 5 and extremely reduces buoyancy of the buoyancy piston 5.

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